

# Hydric Soils

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Aa:					
Adrian muck	Adrian	90	Swamps	Yes	1, 4
	Carlisle	3	Swamps	Yes	1, 3, 4
	Ridgebury	2	Depressions, Drainageways	Yes	2B3
	Scarboro	2	Depressions, Drainageways, Terraces	Yes	2B3
	Whitman	2	Depressions, Drainageways	Yes	2B3
	Raypol	1	Outwash plains	Yes	2B3
Ba:					
Beaches	Matunuck	1	Tidal marshes	Yes	2B2, 3
Bc:					
Birchwood sandy loam	Stissing	1	Depressions	Yes	2B3
Co:					
Carlisle muck	Carlisle	90	Swamps	Yes	1, 3, 4
	Adrian	3	Swamps	Yes	1, 4
	Scarboro	2	Depressions, Drainageways, Terraces	Yes	2B3
	Walpole	2	Depressions, Drainageways, Terraces	Yes	2B3
	Whitman	2	Depressions, Drainageways	Yes	2B3
	Leicester	1	Depressions, Drainageways	Yes	2B3
Dc:					
Deerfield loamy fine sand	Walpole	5	Depressions, Drainageways, Terraces	Yes	2B3

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Ip: Ipswich peat	Ipswich	95	Salt marshes, Tidal marshes	Yes	1, 3
	Matunuck	5	Tidal marshes	Yes	2B2, 3
Ma: Mansfield mucky silt loam	Mansfield	95	Depressions	Yes	2B3
	Stissing	5	Depressions	Yes	2B3
Mc: Mansfield very stony mucky silt loam	Mansfield	90	Depressions	Yes	2B3
	Stissing	10	Depressions	Yes	2B3
Mk: Matunuck mucky peat	Matunuck	95	Tidal marshes	Yes	2B2, 3
	Ipswich	5	Salt marshes, Tidal marshes	Yes	1, 3
Nt: Ninigret fine sandy loam	Raypol	1	Outwash plains	Yes	2B3
	Walpole	1	Depressions, Drainageways, Terraces	Yes	2B3
PbB: Paxton very stony fine sandy loam, 0 to 8 percent slopes	Leicester	1	Depressions, Drainageways	Yes	2B3
	Ridgebury	1	Depressions, Drainageways	Yes	2B3
PbC: Paxton very stony fine sandy loam, 8 to 15 percent slopes	Leicester	1	Depressions, Drainageways	Yes	2B3
	Ridgebury	1	Depressions, Drainageways	Yes	2B3
PcC: Paxton extremely stony fine sandy loam, 3 to 15 percent slopes	Leicester	1	Depressions, Drainageways	Yes	2B3
	Ridgebury	1	Depressions, Drainageways	Yes	2B3
PmA: Pittstown silt loam, 0 to 3 percent slopes	Stissing	5	Depressions	Yes	2B3

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PmB: Pittstown silt loam, 3 to 8 percent slopes	Stissing	5	Depressions	Yes	2B3
PnB: Pittstown very stony silt loam, 0 to 8 percent slopes	Stissing	3	Depressions	Yes	2B3
Pp: Podunk fine sandy loam	Rippowam	5	Flood plains	Yes	2B3
Rc: Raypol silt loam	Raypol	90	Outwash plains	Yes	2B3
	Scarboro	3	Depressions, Drainageways, Terraces	Yes	2B3
	Walpole	3	Depressions, Drainageways, Terraces	Yes	2B3
Re: Ridgebury fine sandy loam	Ridgebury	90	Depressions, Drainageways	Yes	2B3
	Leicester	4	Depressions, Drainageways	Yes	2B3
	Whitman	3	Depressions, Drainageways	Yes	2B3
Rf: Ridgebury, Whitman, and Leicester extremely stony fine sandy loams	Leicester	30	Depressions, Drainageways	Yes	2B3
	Ridgebury	30	Depressions, Drainageways	Yes	2B3
	Whitman	20	Depressions, Drainageways	Yes	2B3
	Adrian	10	Swamps	Yes	1, 4
Rk: Rock outcrop	Matunuck	5	Tidal marshes	Yes	2B2, 3
Rp: Rock outcrop-Canton complex	Leicester	4	Depressions, Drainageways	Yes	2B3

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<b>Ru:</b> Rumney fine sandy loam	Rippowam	85	Flood plains	Yes	2B3
	Adrian	8	Swamps	Yes	1, 4
<b>Sb:</b> Scarboro mucky sandy loam	Scarboro	90	Depressions, Drainageways, Terraces	Yes	2B3
	Walpole	4	Depressions, Drainageways, Terraces	Yes	2B3
	Raypol	2	Outwash plains	Yes	2B3
<b>ScA:</b> Scio silt loam, 0 to 3 percent slopes	Raypol	2	Outwash plains	Yes	2B3
	Rippowam	2	Flood plains	Yes	2B3
<b>Se:</b> Stissing silt loam	Stissing	90	Depressions	Yes	2B3
	Mansfield	3	Depressions	Yes	2B3
<b>Sf:</b> Stissing very stony silt loam	Stissing	90	Depressions	Yes	2B3
	Mansfield	5	Depressions	Yes	2B3
<b>Ss:</b> Sudbury sandy loam	Walpole	1	Depressions, Drainageways, Terraces	Yes	2B3
<b>StA:</b> Sutton fine sandy loam, 0 to 3 percent slopes	Leicester	5	Depressions, Drainageways	Yes	2B3
<b>StB:</b> Sutton fine sandy loam, 3 to 8 percent slopes	Leicester	5	Depressions, Drainageways	Yes	2B3
<b>SuB:</b> Sutton very stony fine sandy loam, 0 to 8 percent slopes	Leicester	3	Depressions, Drainageways	Yes	2B3

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SvB: Sutton extremely stony fine sandy loam, 0 to 8 percent slopes	Leicester	3	Depressions, Drainageways	Yes	2B3
Tb: Tisbury silt loam	Raypol	3	Outwash plains	Yes	2B3
UAB: Udipsamments	Matunuck	1	Tidal marshes	Yes	2B2, 3
Wa: Walpole sandy loam	Walpole	90	Depressions, Drainageways, Terraces	Yes	2B3
	Scarboro	3	Depressions, Drainageways, Terraces	Yes	2B3
WbA: Wapping silt loam, 0 to 3 percent slopes	Leicester	3	Depressions, Drainageways	Yes	2B3
WbB: Wapping silt loam, 3 to 8 percent slopes	Leicester	2	Depressions, Drainageways	Yes	2B3
WcB: Wapping very stony silt loam, 0 to 8 percent slopes	Leicester	3	Depressions, Drainageways	Yes	2B3
WdB: Wapping extremely stony silt loam, 0 to 8 percent slopes	Leicester	2	Depressions, Drainageways	Yes	2B3
WhA: Woodbridge fine sandy loam, 0 to 3 percent slopes	Ridgebury	2	Depressions, Drainageways	Yes	2B3
WhB: Woodbridge fine sandy loam, 3 to 8 percent slopes	Ridgebury	2	Depressions, Drainageways	Yes	2B3
WoB: Woodbridge very stony fine sandy loam, 0 to 8 percent slopes	Ridgebury	3	Depressions, Drainageways	Yes	2B3
WrB: Woodbridge extremely stony fine sandy loam, 0 to 8 percent slopes	Ridgebury	3	Depressions, Drainageways	Yes	2B3

Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folists.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:

## Hydric Soils

- A. are somewhat poorly drained and have a water table at the surface (0.0 feet) during the growing season, or
- B. are poorly drained or very poorly drained and have either:
  - 1.) a water table at the surface (0.0 feet) during the growing season if textures are coarse sand, sand, or fine sand in all layers within a depth of 20 inches, or
  - 2.) a water table at a depth of 0.5 foot or less during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within a depth of 20 inches, or
  - 3.) a water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches.
- 3. Soils that are frequently ponded for long or very long duration during the growing season.
- 4. Soils that are frequently flooded for long or very long duration during the growing season.